SPECIFICATIONS

to be used in the
erection of

_____

to be built for

_____

_____

_____

Architect

_____

No._____

SISALKRAFT

THIS FOLDER CONTAINS

INFORMATIVE DATA AND

S P E C I F I C A T I O N S

ON

SISALKRAFT COPPER ARMORED SISALKRAFT SISALATION

NOTE: If you would like a supply of covers similar to the one in which these specifications are enclosed, we shall be pleased to furnish them in standard or legal size, in the quantity you request.

SISALKRAFT

SISALKRAFT SPECIFICATIONS

COPPER-ARMORED SISALKRAFT

ORANGE LABEL SISALKRAFT

SISALATION

DATA SHEET

7/1/46

[illegible] SPECIFICATIONS

[illegible]

Sheet No.

SPECIFICATION

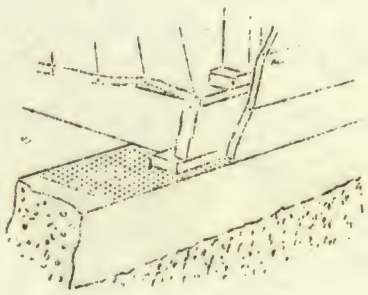
OF

COPPER-ARMORED SISALKRAFT

FOR

FOUNDATION DAMP COURSING

The top surfaces of all foundation walls shall be dampcoursed with a layer of COPPER-ARMORED SISALKRAFT. The copper shall be applied in a continuous strip of a width the same as that of the foundation wall. Wherever joints in the material occur, the COPPER-ARMORED SISALKRAFT shall be lapped at least 4" and tightly sealed with mastic.



SISALKRAFT

SPECIFICATION

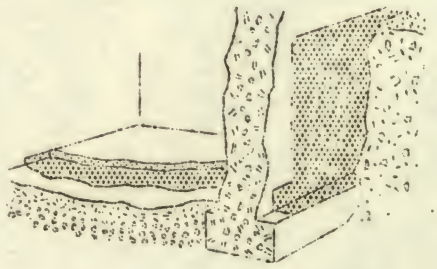
OF

COPPER-ARMORED SISALKRAFT

FOR

MEMBRANE WATERPROOFING

All basement footings, walls and floor slabs shall be waterproofed with a layer of COPPER-ARMORED SISALKRAFT using the widest practicable width applied with a liberal coating of hot or cold mastic or plastic cement. The COPPER-ARMORED SISALKRAFT shall be lapped at least 6" at all joints, care being taken to mop both sides of each lap. The COPPER-ARMORED SISALKRAFT shall be applied on the outer surfaces of the walls horizontally, beginning not more than 6" below ground level. The COPPER-ARMORED SISALKRAFT shall be applied on floor slabs to the rough structural floor just prior to the placing of the finished floor surface.



Sheet No. 2
7/1/46

A.I.A. File No. 7-A-1

SPECIFICATION

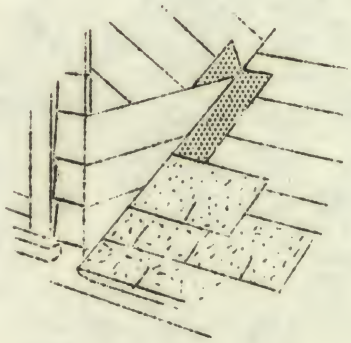
OF

COPPER-ARMORED SISALKRAFT

FOR

FLASHING ROOF AND SIDE-WALL JUNCTURES

Sidewalls and roof junctures shall be step-flashed with COPPER-ARMORED SISALKRAFT between shingle courses; the copper to extend up at least 2" on side-wall sheathing and at least 2" out on shingles and each succeeding flashing shall overlap by 2" the flashing under the shingle below.



Sheet No. 3
7/1/46

A.I.A. File No. 7-A-1 or 12-H-1

SPECIFICATION

OF

COPPER-ALLOYED STEEL ALLOY

FOR

FLASHING ROOF AND WALL JUNCTURES

Waterproofing and roof junctures which be also flashed with COPPER-ALLOYED STEEL ALLOY between shingle courses; the copper to extend up at least 8" on side-wall vertical and at least 8" out on shingles and each succeeding flashing shall overlap by 8" the flashing under the shingle below.

Sheet No. 3
T/1/-8

A.I.A. File No. 7-A-1 or 18-M-1

SPECIFICATION

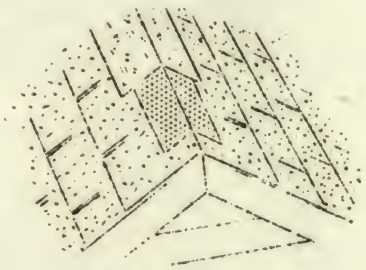
OF

COPPER-ARMORED SISALKRAFT

FOR

RIDGE ROLL FLASHING

A continuous strip of COPPER-ARMORED SISALKRAFT shall be applied on all ridges. The copper shall be of a width slightly less than that of the ridge covering and shall be placed on top of shingles, extending an equal distance on each side of the ridge.



S P E C I F I C A T I O N

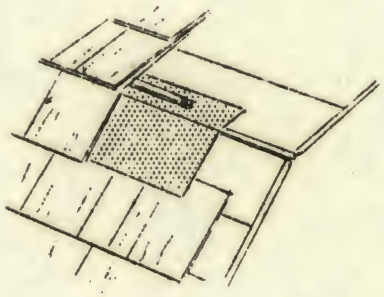
OF

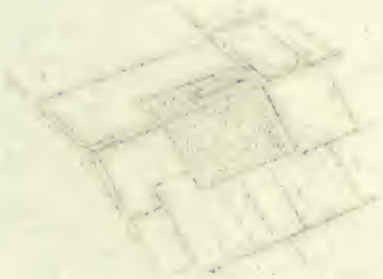
COPPER-ARMORED SISALKRAFT

FOR

MITERED ROOF FLASHING

All mitered roof joints shall be flashed with COPPER-ARMORED SISALKRAFT flashing. The copper shall be tacked to roof sheathing in a continuous strip at least 10" in width and shall be placed just prior to application of shingles or other roofing material.





SPECIFICATION

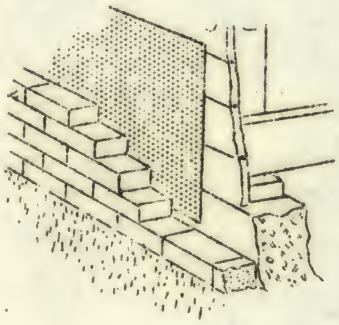
OF

COPPER-ARMORED SISALKRAFT

FOR

APRON DAMPCOURSE

In brick or stone veneer construction, a dampcourse of COPPER-ARMORED SISALKRAFT flashing shall be applied at the base of all exterior walls. A continuous strip of copper not less than 30" in width shall be applied horizontally and shall extend from the bottom brick or stone course upwards over the sheathing and secured to the sheathing with copper nails.



SPECIFICATION

OF

CONCRETE-ARMORED SLEEPERS

FOR

ARMOR DEPOSITORY

In order to insure better interlocking, a course of CONCRETE-ARMORED SLEEPERS flanking rails is supplied at the base of all exterior walls. A continuous strip of copper has been used in width shall be applied horizontally and shall extend from the bottom brick or stone course upward over the sheathing and secured to the sheathing with copper nails.

Sheet No. 8
7/7/46

A.I.A. File No. 7-A-1 or 15-B-1

S P E C I F I C A T I O N

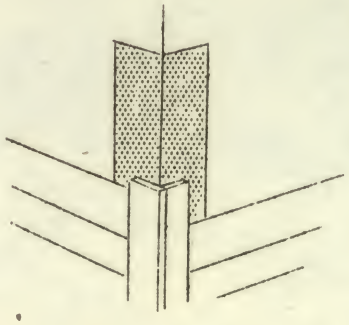
OF

COPPER-ARMORED SISALKRAFT

FOR

CORNER FLASHING

Corners in all frame or brick veneer construction shall be flashed with a continuous vertical strip of COPPER-ARMORED SISALKRAFT flashing, extending the full height of the corner. The copper shall extend 2" on each side of the corner trim.



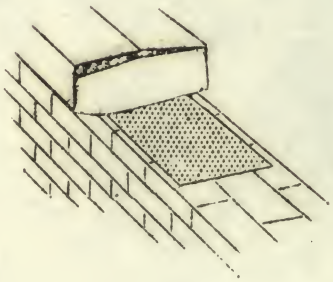
Sheet No. 7
7/1/46

A.I.A. File No. 7-A-1 or 12-H-1

SPECIFICATION
OF
COPPER-ARMORED SISALKRAFT
FOR

FLASHING PARAPET WALLS

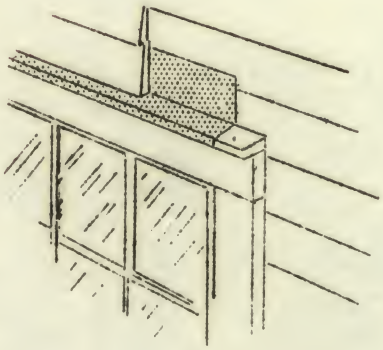
The center top brick course of parapet walls shall be set first and immediately followed by application of COPPER-ARMORED SISALKRAFT. The COPPER-ARMORED SISALKRAFT shall be cut to a width which will permit application over center brick course and extending on each side to within 1/2" of the outer faces of the wall. The copper shall then be placed and formed over center brick course so that it will lie flat on the two outer brick courses. All joints in the COPPER-ARMORED SISALKRAFT shall be lapped at least 4" and tightly sealed with mastic. The application of copper shall be immediately followed by setting of the two final brick courses.



SPECIFICATION
OF
COPPER-ARMORED SISALKRAFT
FOR

DRIP CAP FLASHING

Drip caps on all window and door heads shall be flashed with COPPER-ARMORED SISALKRAFT 4" wide. Blind tack using copper tacks 1" apart at outside edge of drip cap and bend back against sheathing.



Sheet No. 9
7/1/46

A.I.A. File No.12-H-1

S P E C I F I C A T I O N

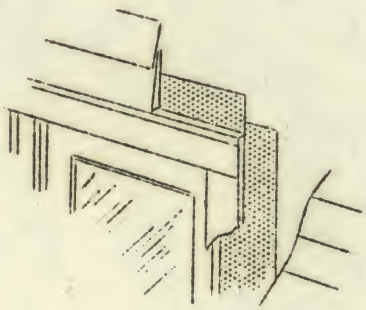
OF

COPPER ARMORED SISALKRAFT

FOR

FLASHING DOORS AND WINDOWS

In frame or veneer construction, all door and window frames shall be flashed with COPPER ARMORED SISALKRAFT. The copper shall be applied using 6" strips, prior to the setting of frames.



Sheet No. 10
7/1/46

A.I.A. File No. 12-H-1

SPECIFICATION

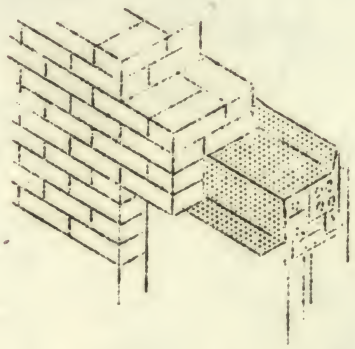
OF

COPPER-ARMORED SISALKRAFT

FOR

HEADS OF DOORS AND WINDOWS (SOLID MASONRY)

All door and window openings in exterior walls shall be flashed with 2 oz. COPPER-ARMORED SISALKRAFT, the flashing to extend at least 12" beyond each jamb, carried through the wall and turned up at least 6" on the inside face of the wall and bedded in mastic.



SISALKRAFT

S P E C I F I C A T I O N

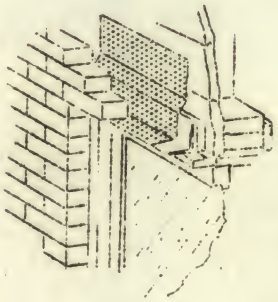
OF

COPPER-ARMORED SISALKRAFT

FOR

DOOR AND WINDOW HEADS (VENEER CONSTRUCTION)

All door and window heads in exterior walls shall be flashed with 2 oz. COPPER-ARMORED SISALKRAFT. The copper shall be carried up at least 6" on the sheathing; it shall extend at least 6" beyond each jamb.



Sheet No. 12
7/1/46

A.I.A. File No. 12-H-1

S P E C I F I C A T I O N

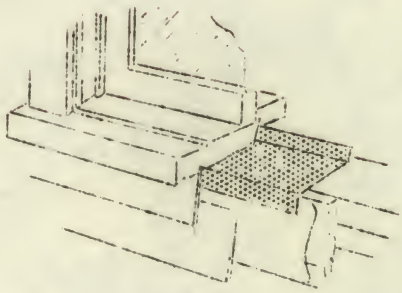
OF

COPPER-ARMORED SISALKRAFT

FOR

SILL FLASHING (FRAME)

All sills shall be flashed with COPPER ARMORED SISALKRAFT. Extend from turn up back of sill to at least 1" over the second clapboard below the sill.



Sheet No. 13
7/1/46

A.I.A. File No. 12-H-1

SISALKRAFT

S P E C I F I C A T I O N

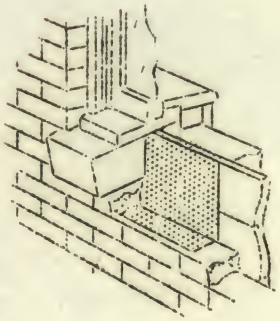
OF

COPPER ARMORED SISALKRAFT

FOR

SILL FLASHING (Masonry or Veneer)

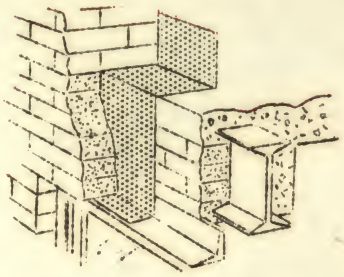
All stone and brick sills shall be flashed with COPPER ARMORED SISALKRAFT beginning 1" from the outer face of the wall and extending back from the sill to the stool.



Sheet No. 14
7/1/46

A.I.A. File No. 12-H-1

SISALKRAFT

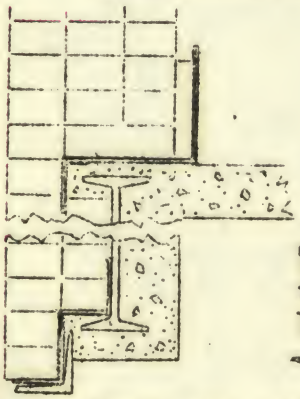


SPECIFICATION OF COPPER-ARMORED SISALKRAFT FOR

SPANDREL BEAM WATERPROOFING

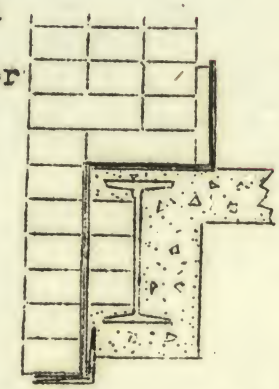
All spandrel beams and all floor and roof arches resting on exterior walls shall be waterproofed with 2 oz. COPPER-ARMORED SISALKRAFT. The copper membrane shall extend from within 1" of the outer face of the wall at the bottom of the beam or arch. The copper shall extned through the wall and up on its inside face 6". For beams over 15", two pieces of COPPER-ARMORED SISALKRAFT shall be used as illustrated.

All joints in the COPPER-ARMORED SISALKRAFT shall be lapped at least 4" and tightly sealed with mastic. At all columns the COPPER-ARMORED SISALKRAFT shall be turned up 6". All horizontal masonry surfaces upon which the waterproofing is to be applied shall be free from loose materials and reasonably smooth.



Typical spandrel waterproofing with beams over 15".

Typical spandrel waterproofing with beams 15" or less.



Sheet No. 15
7/1/46

A.I.A.File No.7-A-1

SPECIFICATION

OF

COPPER-ARMORED STEARNERT

FOR

REINFORCED BRICK WATERPROOFING

All coursed bases and all floor and roof arches resting on exterior walls shall be waterproofed with 2 oz. COPPER-ARMORED STEARNERT. The copper membrane shall extend from within 1" of the outer face of the wall at the bottom of the beam or arch. The copper shall extend through the wall and up on the inside face 6". For beams over 18", two pieces of COPPER-ARMORED STEARNERT shall be used as illustrated.

All joints in the COPPER-ARMORED STEARNERT shall be lapped at least 4" and slightly coated with mastic. At all outlets the COPPER-ARMORED STEARNERT shall be turned up 6". All horizontal masonry surfaces upon which the waterproofing is to be applied shall be free from loose materials and reasonably smooth.

Typical coursed waterproofing with beams 18" or less.

Typical coursed waterproofing with beams over 18".

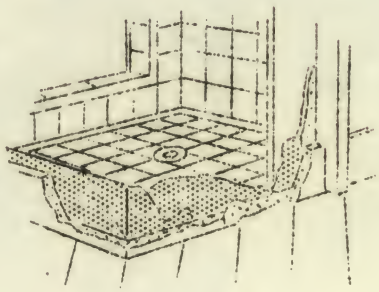
Sheet No. 18
7/1/08

A.I.A. File No. 5-A-1

SPECIFICATION
OF
COPPER-ARMORED SISALKRAFT
FOR

WATERPROOFING SHOWER STALLS

All shower stalls shall be waterproofed by the application of a layer of COPPER-ARMORED SISALKRAFT over the rough structural floor. The copper shall be turned up on all walls not less than 6" to form a pan. Wherever joints in the COPPER-ARMORED SISALKRAFT occur or where the material is cut to allow for drains, laps shall be tightly sealed with mastic. We suggest the 2-oz. weight of COPPER-ARMORED SISALKRAFT for this use.



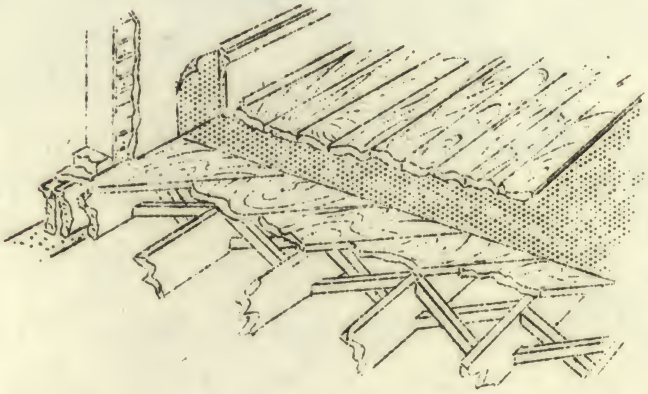
Sheet No. 16
7/1/46

A.I.A. File No.7-A-1
or 12-H-1

SPECIFICATION
OF
SISALKRAFT

MAKING FLOORS MOISTURE, AIR AND DUST PROOF

Over all subfloors, SISALKRAFT is to be applied in the widest widths practicable. It shall be applied to run at right angles to the direction of the finish strips and lapped not less than 4". SISALKRAFT shall be bent up the full height of the baseboards and the base brought down over it to provide a cold air stop.



SPECIFICATION

OF

SLIDE RULE

MARKS FLOCKS ASSOCIATES, AIR MINISTRY

Once all calculations, SLIDE RULE is to be applied in the widest sense possibilities. It will be applied to run at right angles to the direction of the flight strips and layed not less than 6". SLIDE RULE shall be been on the last return of the headwards and can have brought back even if to provide a solid air drop.

SISALKRAFT

S P E C I F I C A T I O N

OF

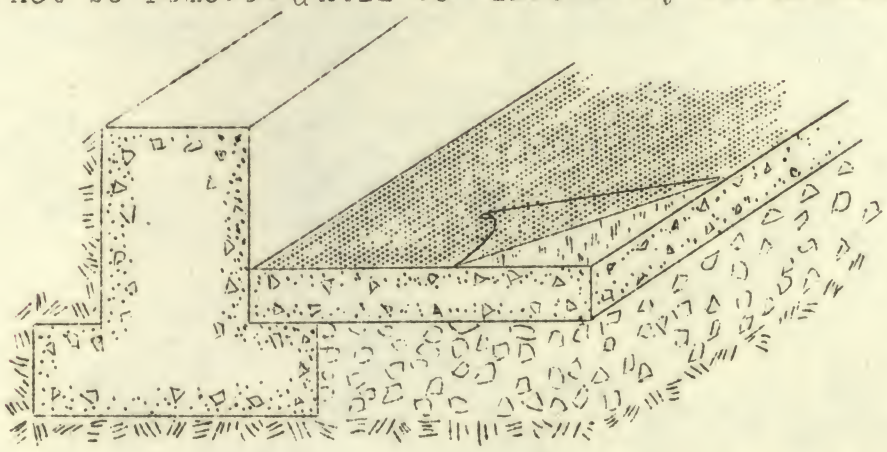
S I S A L K R A F T

FOR

CURING AND PROTECTING CONCRETE (Monolithic and Exposed Slabs)

As soon after the finishing of the concrete as may be done without damage, cover with one layer of Sisalkraft laid in the widest practicable width. All laps must be at least 5" wide, continuously sealed with a water-proof cement as recommended by the manufacturers. As an alternate method of sealing the laps, "WETORDRY" masking tape 1½" wide (as manufactured by the Minnesota Mining & Mfg. Co.) shall be placed over a 3" lap. The tape shall be completely bonded to the SISALKRAFT.

The SISALKRAFT shall be maintained in good condition and shall not be removed until so directed by the Architect.



Sheet No. 18
7/1/46

A.I.A. File No. 4-C-4 or 4-1-3

S P E C I F I C A T I O N

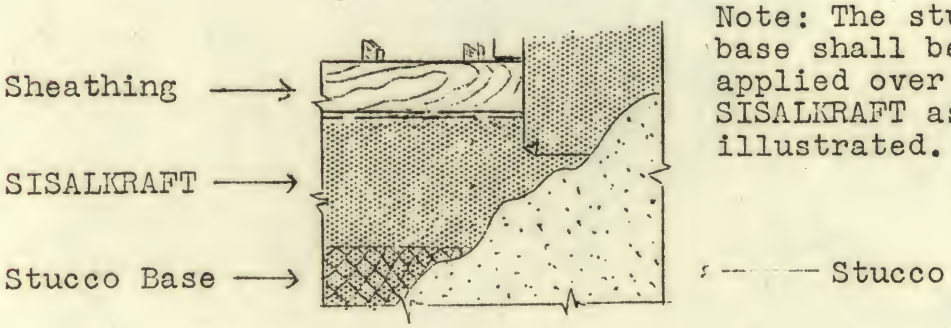
OF

S I S A L K R A F T

FOR

BACKING UP STUCCO - With Solid Wood Sheathing

Over all solid sheathed walls and other wood surfaces to be stuccoed, cover with SISALKRAFT applied horizontally, using large headed galvanized nails on weather laps of not less than 4". The SISALKRAFT shall be carried over the studs, sills, heads and jambs of all openings and around all corner posts for a distance of not less than 9" each way. No shower nailing shall be done.



Note: The stucco base shall be applied over the SISALKRAFT as illustrated.

Sheet No. 19
7/1/46

A.I.A. File No. 19-G or 21-D

SISALKRAFT

SPECIFICATION

OF

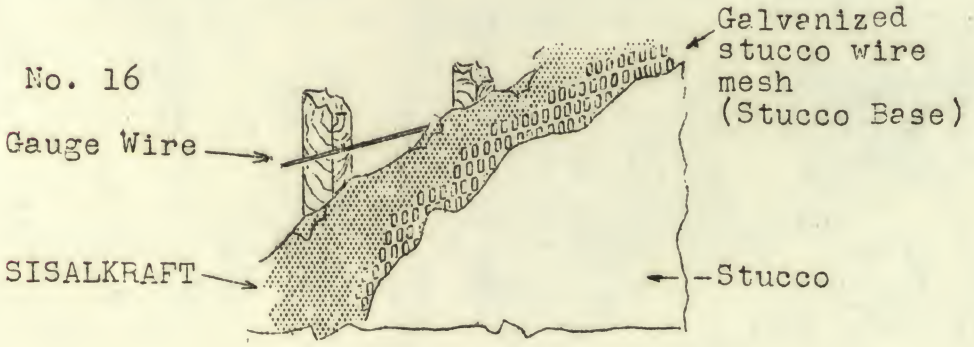
SISALKRAFT

FOR

BACKING UP STUCCO - Without Wood Sheathing

All exterior stud walls to be stuccoed shall be covered with No. 16 gauge wires stretched taut and secured in place not over 6" apart. SISALKRAFT then shall be applied horizontally over all exterior walls using large headed galvanized nails on weather laps of not less than 4". The SISALKRAFT shall be carried over the studs, sills, heads and jambs of all openings and around all corner posts for a distance of not less than 9" each way.

Over SISALKRAFT apply galvanized stucco wire mesh with approved furring nails placed on 6" centers. Then apply stucco coat.



Sheet No. 20
7/1/46

A.I.A. File No. 19-G or 21 D

SISALKRAFT

SPECIFICATION

OF

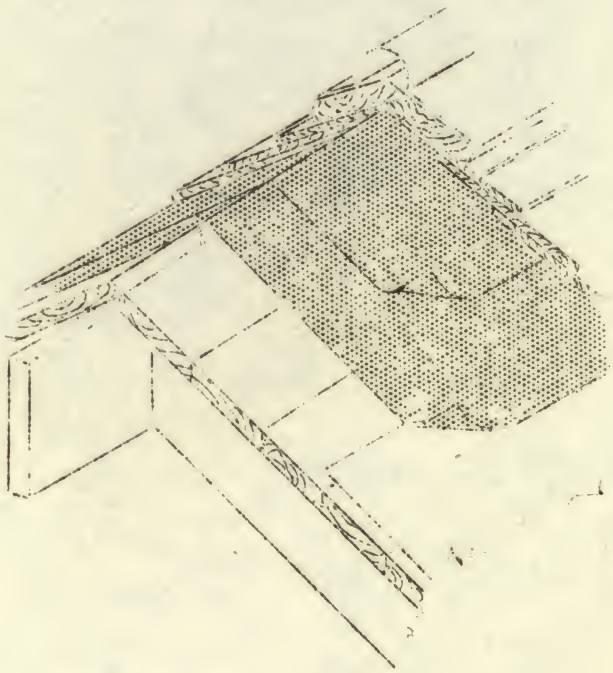
SISALKRAFT

FOR

A DRY SHEET UNDER ROOFING

Over all roof decks (wood) SISALKRAFT is to be applied using the 36" width and applying no more than will be covered the same day. Apply horizontally, using large-headed galvanized roofing nails with weather laps of not less than 4". Carry the SISALKRAFT over all hips and ridges, 18" on both sides, and carry it down to the bottom of all valleys and up for that same distance on both sides.

Wherever stained shingles are specified, they must be throughly dry before application.



Sheet No. 21
7/1/46

A.I.A. File No. 19-D-3

SPECIFICATION

OF

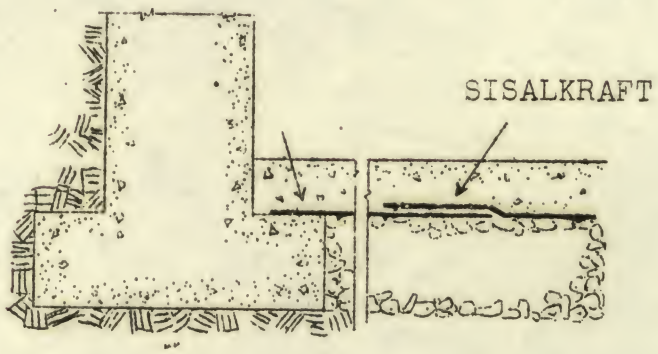
SISALKRAFT

FOR

OVER SUB-FILL UNDER CONCRETE SLABS

At or Below Grade

To prevent the entrance of cement into the voids of the sub-fill and to prevent displacement of the sub-fill by workmen during the pouring of floor slab, cover all sub-fill completely with SISALKRAFT laid in the widest practicable widths lapped at least 9".



Sheet No. 22
7/1/46

A.I.A. File No. 7

DEMONSTRATION

OF

AIRBALLOONS

FOR

OVER 100-FOOT UNDER BUILDING CLAPS

AS IN EDGAR WEST

To prevent the accidents of running into the walls or the windows and to prevent a repetition of the illness by exposure during the quantity of floor cleaning, using all material usually at the DEPARTMENT THAT IS THE WORK, particularly also DEPARTMENT THAT IS THERE IS.

Above No. 22
Ceiling

Below Ceiling No. 7

SPECIFICATION

OF

SISALKRAFT

FOR

PROTECTING SHEATHING

All exterior wall sheathing, wood or otherwise, shall be covered with one layer of SISALKRAFT paper applied horizontally, using large-headed galvanized nails on weather laps of not less than four inches. The SISALKRAFT shall be carried over the studs, sills, heads and jambs of all openings and around all corner posts for a distance of not less than 9" each way. No shower nailing shall be done, nor battens employed.

SISALKRAFT

SPECIFICATION

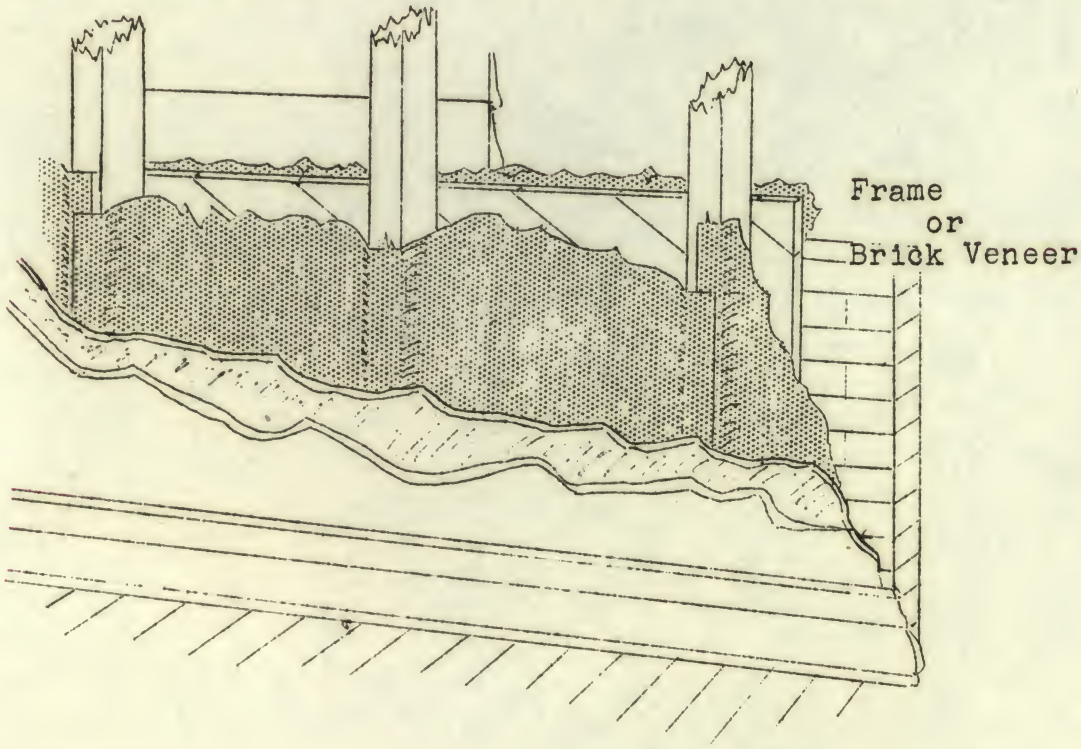
OF

SISALATION

FOR

INSULATION AND MOISTURE-VAPOR BARRIER (Sidewalls - Frame or Brick Veneer)

SISALATION shall be applied vertically over the inside face of the studs. The product is to be lapped the full width of every other stud and fastened to every stud with staples or flat headed nails spaced approximately 12" apart. The excess material shall be carefully bowed into each stud area to provide maximum insulating efficiency. Care shall be taken to extend the SISALATION over the top and bottom plate.



SPECIFICATION

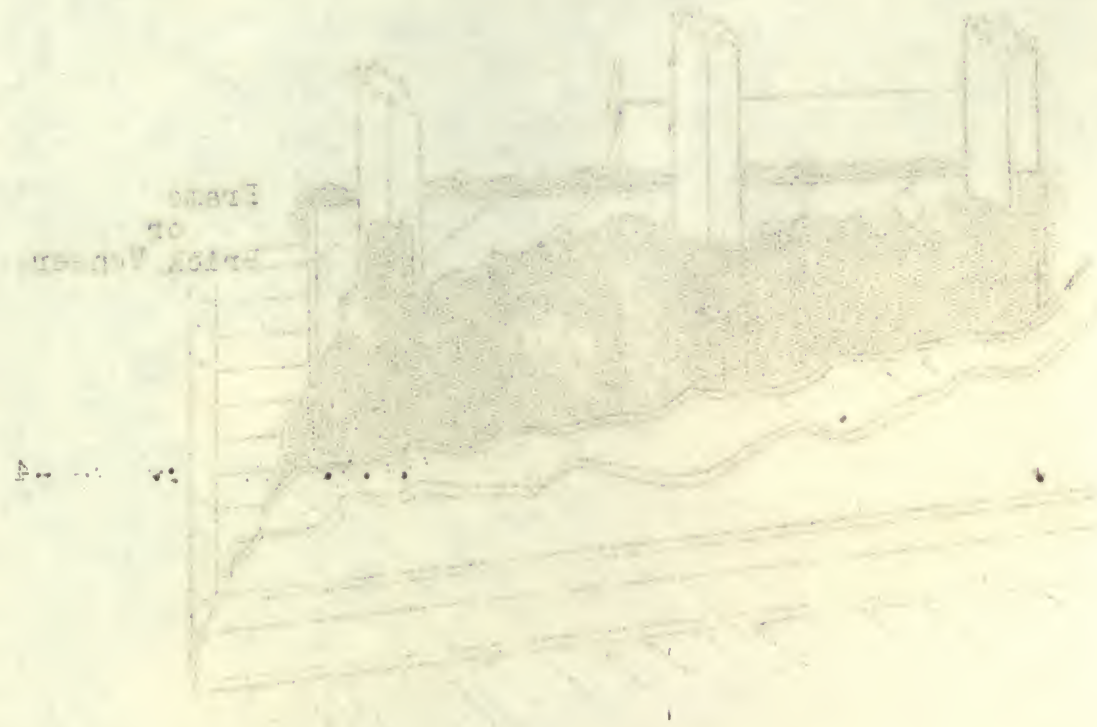
OF

INSULATION

FOR

INSULATION AND MOISTURE-VAPOR BARRIER (Sidewalls - Frame or Brick Veneer)

INSULATION shall be applied vertically over the inside face of the studs. The product is to be lapped the full width of every other stud and fastened to every stud with staples or flat headed nails spaced approximately 12" apart. The excess material shall be carefully bowed into each stud bay to provide maximum insulating efficiency. Care shall be taken to extend the INSULATION over the top and bottom plate.



SPECIFICATION

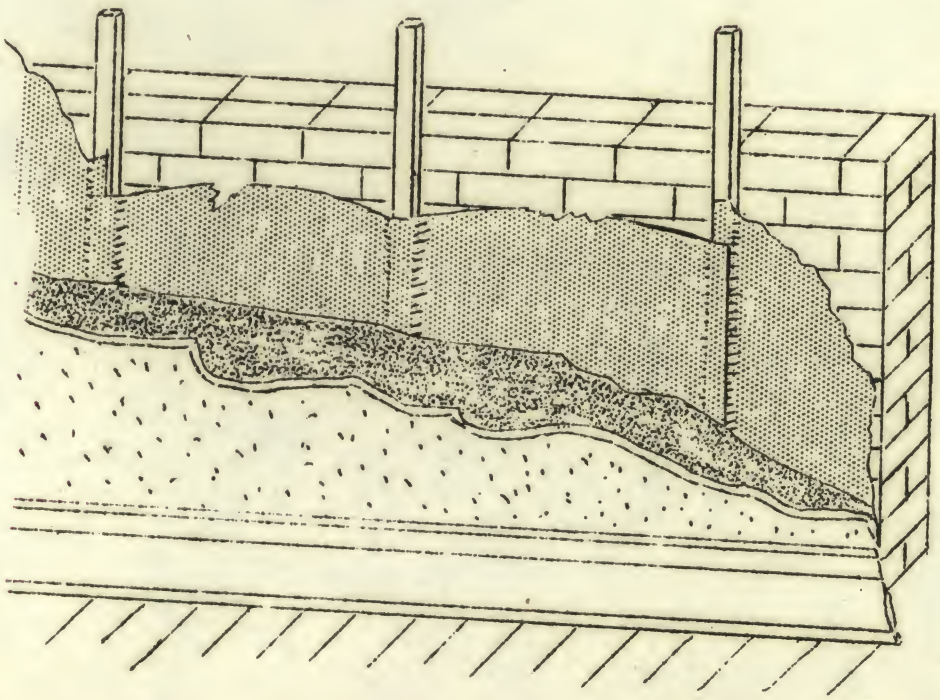
OF

SISALATION

FOR

INSULATION AND MOISTURE-VAPOR BARRIER (Sidewalls - Brick)

SISALATION shall be applied vertically over the inside face of the furring strips. The product is to be lapped on every other furring strip and fastened to every strip with staples or flat headed nails spaced approximately 12" apart. Care shall be taken to extend the SISALATION over the top and bottom plate.



SPECIFICATION

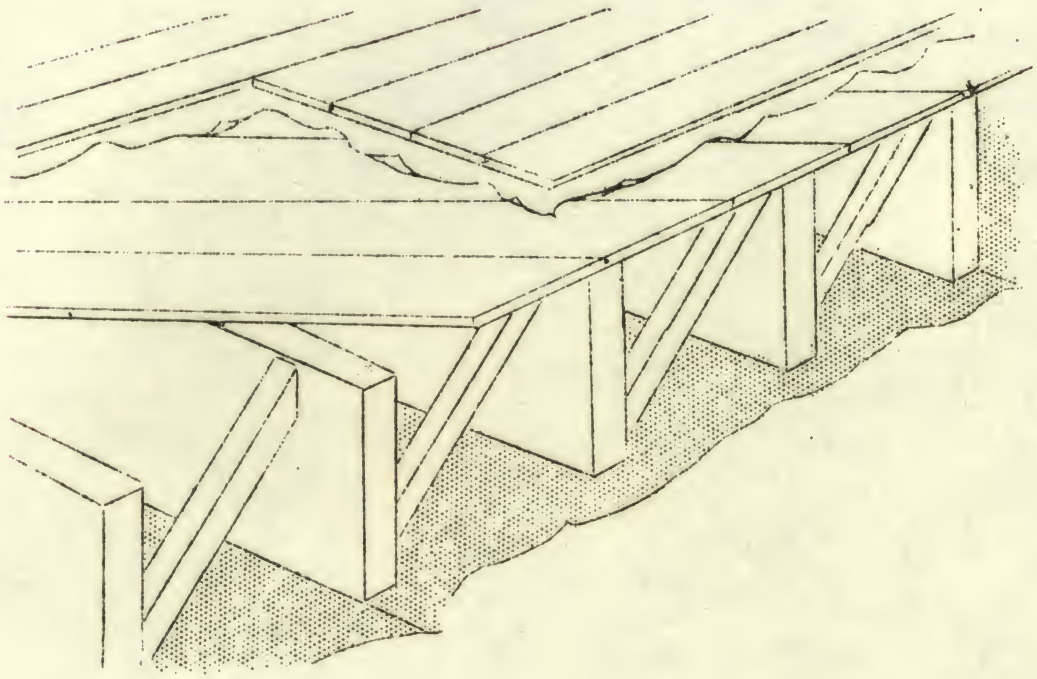
OF

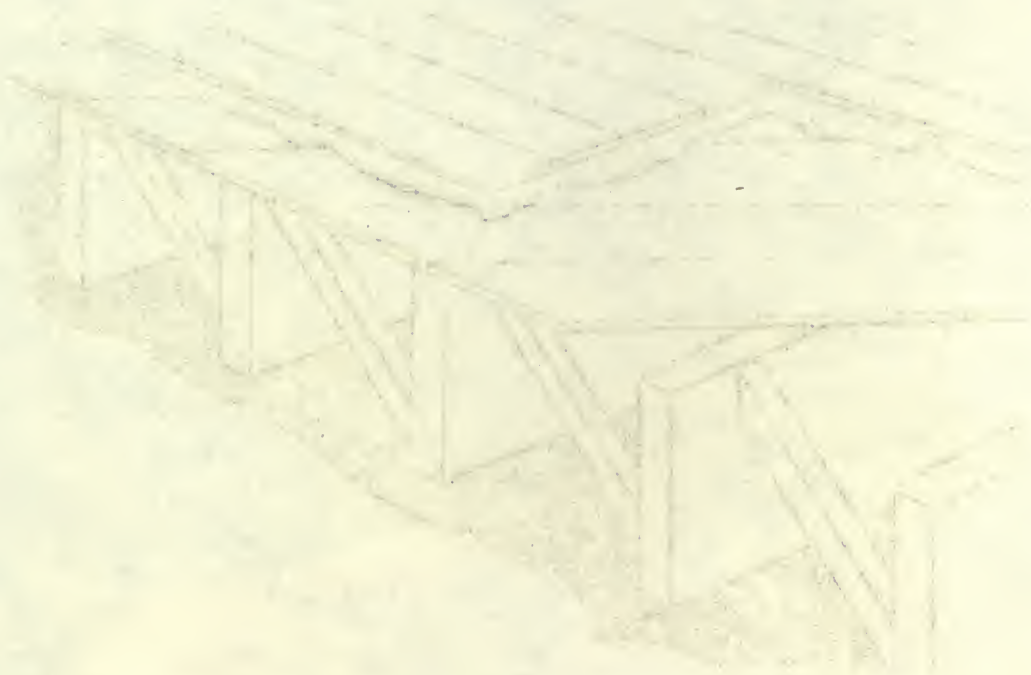
SISALATION

FOR

INSULATION AND MOISTURE-VAPOR BARRIER (Floors)

SISALATION shall be applied lengthwise along the under side of the floor joists. The product is to be lapped at least the full width of the joist and fastened to each joist with staples or flat headed nails spaced approximately 12" apart.

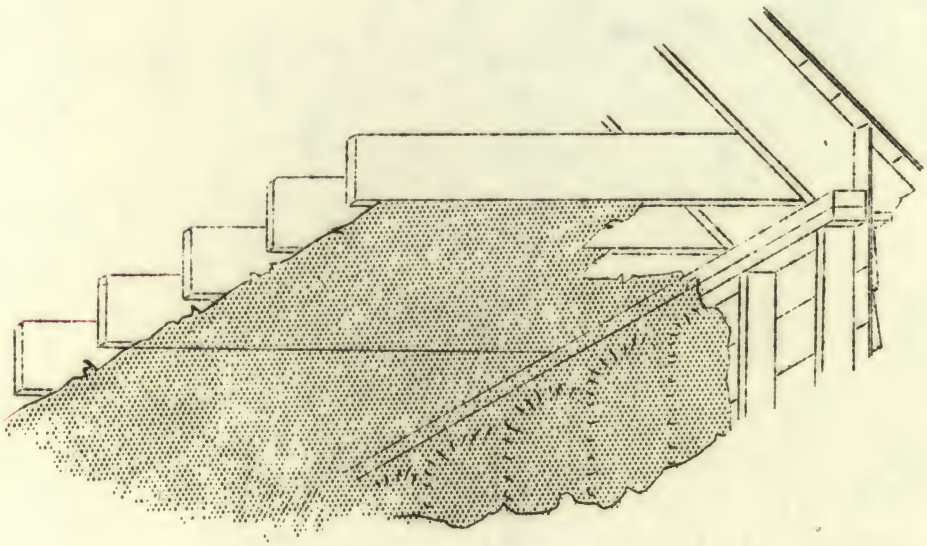


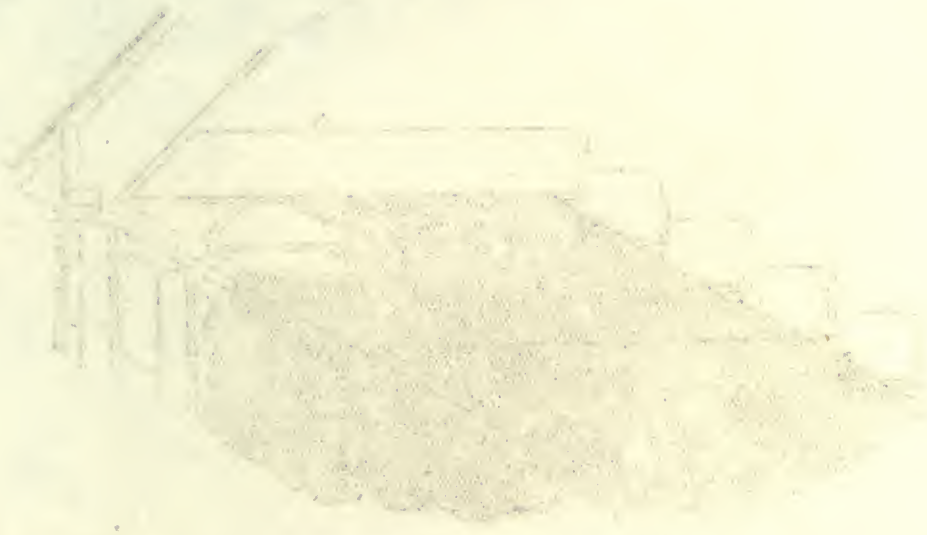


SPECIFICATION
OF
SISALATION
FOR

INSULATION AND MOISTURE-VAPOR BARRIER (Ceilings)

SISALATION shall be applied lengthwise along the under side of the ceiling joists. The product is to be lapped at least the full width of the joist and attached with staples or flat headed nails spaced approximately 12" apart. Care shall be taken to allow approximately a 3" overlap with the SISALATION sidewall vapor barrier.



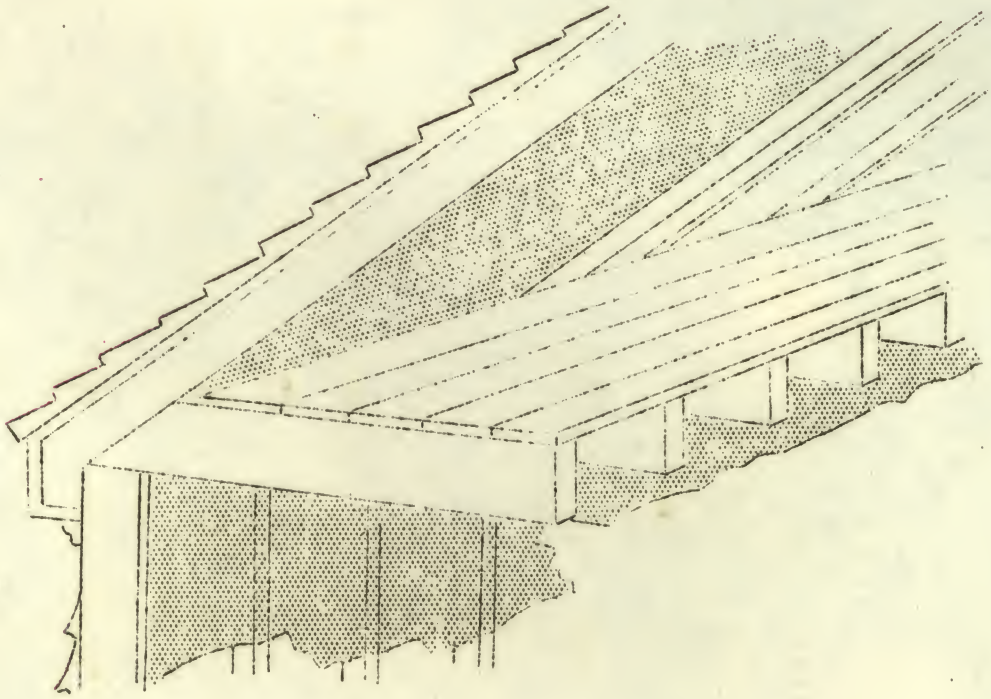


SISALKRAFT

SPECIFICATION
OF
SISALATION
FOR

ATTIC LINING (Insulating and Moisture Stop)

SISALATION shall be applied vertically along the under side of the roof rafters. The product is to be applied smoothly and fastened to each rafter with staples or flat headed nails spaced approximately 12" apart.



Sheet No. 28
7/1/46

A.I.A.File No,37-B-4

SISALKRAFT

DATA SHEET

ON

ELECTROSTATIC SHIELDING

COPPER ARMORED SISALKRAFT

In the construction of radio or television studios; in hospitals or offices where diathermy or similar machines are used, or where delicate electrical measuring instruments of high sensitivity and Radar are tested, it is necessary to prevent the entrance or escape of static electricity, (or other electrical interferences and disturbances.)

The entire enclosure - walls, ceilings, and floors - must be completely shielded with a conductive material. COPPER ARMORED SISALKRAFT is the ideal shield. It has been established through exhaustive experiments and actual job use that COPPER ARMORED SISALKRAFT will do an efficient job of shielding.

The method of applying COPPER ARMORED SISALKRAFT will differ according to the general situation and the materials employed. Various grounds and filters must be used in conjunction with COPPER ARMORED SISALKRAFT. Here also, the method of grounding and filtering will vary technically.

The COPPER ARMORED SISALKRAFT should be applied to the walls, ceilings, and floors, using a suitable waterproof adhesive, as manufactured by The Minnesota Mining & Manufacturing Co., or other manufacturers.

It is desirable that the widest widths practicable be used. It is of utmost importance that complete metal to metal contact be made at every lap. This can be accomplished by butt-jointing the sheets and soldering a 2" wide strip of 1-oz. tinned copper over the joint. Lock-jointing where the two sheets meet, is another method. Flat-headed copper nails should be spaced at intervals to hold the joint in place.

COPPER ARMORED SISALKRAFT is electro-deposited copper bonded to reenforced creped kraft. The combination produces a material as durable as much heavier expensive rolled copper, and is pliable and absolutely impervious to moisture.

COPPER ARMORED SISALKRAFT is available in a variety of standard roll widths from 10" to 60". All rolls are 120 ft. long, with Anaconda electro-deposited copper sheets weighing 1, 2, or 3-oz. to the square foot.

More information about Electrostatic Shielding with COPPER ARMORED SISALKRAFT can be obtained by writing THE SISALKRAFT CO.

this is an actual sample of

COPPER ARMORED SISALKRAFT

the perfect answer to many waterproofing problems

LOOK WHAT IT CAN DO FOR YOUR CLIENTS!

SPIN THE WHEEL

for the answers to your questions about

COPPER ARMORED SISALKRAFT

INSTRUCTIONS

Identify your question by its number. Then spin the wheel until the number appears in the opening.

1 Just what is Copper Armored Sisalkraft?
2 What are some of its physical properties?
3 What will this product do for my clients?
4 What uses are recommended?
5 What widths are available? What weights?
6 Are stated weights accurate?
7 What about the cost of Copper Armored Sisalkraft?
8 Will it bond to mortar? Can it be soldered?
9 Is it as good as heavy rolled copper?
10 What about its use decoratively?
11 Can I get suggested specifications?
12 Where is Copper Armored Sisalkraft available?

AMERICAN SISALKRAFT CORPORATION

sales offices
205 W. Wacker Drive, Chicago 6, Illinois
RAndolph 6-0392
101 Park Ave., New York 17, N. Y.
MUrray Hill 3-9866
[illegible] New Montgomery St.
San Francisco 5, Calif.
[illegible]

manufacturers of REINFORCED PAPER, FOIL AND PLASTICS FOR CONSTRUCTION, INDUSTRIAL PACKAGING AND AGRICULTURE